

#16/Amend A  
9-5-02  
211A 3122

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TORU HAGIWARA

Serial No: 09/865,382

Filed: May 25, 2001

For: MOLDED GEAR

Art Unit: 3682

Examiner: Allan D. Herrmann

FAX RECEIVED

SEP 03 2002

Commissioner for Patents  
Washington, D.C. 20231AMENDMENT

GROUP 3600

OFFICIAL

Dear Sir:

In response to the Office Action dated June 3, 2002, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please replace page 1, second full paragraph, with the following rewritten paragraph:

A1  
--In recent years, many injection-molded plastic gears as molded gears are used in an Office Automation (OA) system, an Audio Visual (AV) system, an electric/electronic system, and an automobile part or the like. Such injection-molded plastic gear has a light weight and a self-lubricating property; generates a noise lower than that in a metal gear, and can be produced in bulk, leading to an economic advantage. Therefore, the injection-molded plastic gear has been utilized in a further widened range of application.--

Please replace the last paragraph bridging pages 2 and 3 with the following rewritten paragraph:

A2  
--With such configuration, when the molded gear is rotated, a flow of air passed through the holes from the surface side to the back side of the molded gear can be generated by the blades and blown to a part such as an integrated circuit (IC), a motor and the like disposed adjacent the molded gear to cool it, and heat-accumulated air around the IC, the motor or the like can be forcibly discharged to inhibit the rise in ambient temperature. Particularly, the molded gear according to the present invention has the fan function and hence, it is possible to supply air